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BENZOYLALKYLINDOLEPYRIDINIUM COMPOUNDS AND METHODS FOR THEIR USE

ABSTRACT OF THE DISCLOSURE

The design, synthesis and antiviral activity of certain antiviral compounds are disclosed examples of which are shown below. These compounds inhibit the reverse transcriptase enzymes of several retroviruses, including human immunodeficiency virus.

Compositions comprising effective amounts of such compounds also are described. These compounds and compositions can be used in a method for inhibiting the replication of retroviruses in a subject comprising administering an effective amount of the compound(s) or composition(s) comprising the compound to a subject to inhibit retroviral replication.